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21 November 1958

The Files - RD-125, Task Order 7

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Trip Report - RR/D-11

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1. On 13 November 1958 a visit was made to the [REDACTED] Philadelphia, Pennsylvania, to monitor progress on Contract RD-125, Task Order 7, development of transistor communications receiver, RR/D-11. Participating in discussions concerning this project were:

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2. [REDACTED] has nearly completed construction of the first RR/D-11 and measurements of its tuner indicate that the resettability error will be within our specification of 3 kc from 3 to 30 mc. Although 12 receivers were due to be delivered in December 1958, the contractor now plans to deliver four units in December and the remaining eight in January, because of a delay in parts procurement. The receiver cases, tuners, and counters are due to be delivered in December and assembly will begin immediately.

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3. An improved counter with larger and more legible figures is being used in the RR/D-11. The operating frequency appears in a single line reading directly in kilocycles. After these counters are delivered by [REDACTED] will treat their dials with a phosphorescent material similar to that used on wristwatches. Because the counters are not scheduled to be delivered until 15 December, [REDACTED] is not certain that the receivers sent to us in late December will have luminous dials.

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4. A lengthy conference on the RR/D-11 instruction-maintenance manual was held with [REDACTED], technical editor for [REDACTED] group. The RR/AA-11 manual is discussed page by page, and several recommendations for improving it were made. [REDACTED] was asked to make the RR/D-11 manual 8 1/2" x 11" rather than 9" x 7", to improve the quality of the photographs and to print on both sides of the page. The use of illustrations of tests and alignment setups, instead of textual descriptions, was requested in order to simplify field maintenance. A trouble shooting chart, and full data on the use of test points and interpretation of measurements was also requested.

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